Map of parcels at 50 kft on 07081218 influenced by convection 0.0 to 2.5 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 07081218 2.5 2.0 Days Since Convection 1.5 1.0 0.5 0.0 NA\$A/ARC PSL Last Image Used is 0708101745 1443 Trajectories

Map of parcels at 50 kft on 07081218 influenced by convection 2.5 to 5.0 days earlier Squares indicate location of convectively influenced air: influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 07081218 5.0 4.5 Days Since Convection 4.0 3.5 3.0 2.5 NA\$A/ARC PSL Last Image Used is 0708101745 1443 Trajectories



